

REMARKS

The Applicants thank the Examiner for his examination of the present application. By way of summary, Claims 56-101 were pending in this application. By this amendment, Applicants have amended Claims 56-61, 63-67, 69-70, 77-83, 87-94, 96, 98, and 100-101, added new Claims 102-147, and canceled Claims 71-76, 84-86, 95, and 97 without prejudice or disclaimer. Accordingly, Claims 56-70, 77-83, 87-94, 96, and 98-147 are pending for consideration.

The Office Action rejected Claims 56-101 under 35 U.S.C. § 103. In response, Applicants have amended the claims. Among other things, the amendments generally incorporate subject matter similar to that recited in Claims 72 and 73, which the Examiner had indicated would likely render the claims allowable. Accordingly, Applicants respectfully submit that the claims, as amended, overcome the rejections of record, and thus respectfully request that the rejections be withdrawn.

Amendments to Specification

Applicants have amended the specification to incorporate the text of U.S. Pat. App. No. 09/458,569, now U.S. Pat. No. 6,636,894, in accordance with MPEP § 2163.07(b) ("Replacing the identified material incorporated by reference with the actual text is not new matter."). This application was incorporated by reference into the present application. The application as filed, on page 11, lines 26-30, refers to "the HPR patent, Serial Number ___, entitled 'Systems and Methods For Redirecting Users Having Transparent Computer Access To A Network Using A Gateway Device Having Redirection Capability' and incorporated herein by reference." The Amendment of January 29, 2004, revised that text to refer to U.S. Pat. No. 6,636,894.

Rejection of Claims 56-101 under 35 U.S.C. § 103

The Office Action rejected Claims 56-101 as obvious over U.S. Pat. No. 6,092,196 to Reiche ("Reiche") in view of U.S. Pat. No. 5,805,803 to Birrell et al. ("Birrell"). However, Applicants respectfully submit that Reiche and Birrell, alone or in combination with other art of record, do not teach or render obvious all the limitations of the claims, for at least the following reasons.

Regarding **Claim 56**, as discussed during the interview, the cited art does not teach or render obvious at least "receiving, at a communications port of a network

management system from a portable communication device via a network, a first request to access a network resource located at an external server, the first request comprising one or more network packets, which include header and body data, and being configured with attributes including a source address, a checksum, and a port number, wherein the checksum is calculated based at least in part on header and body data of one or more network packets” and “sending, from the communications port of the network management system to the portable communication device, a browser redirect message based upon the redirection data, the browser redirect message configured to indicate that it was sent by the network resource and comprises attributes in which at least one of a source address, a checksum, and a port number differs from those attributes of the first request,” as recited in the claim.

Reiche relates to “a data network featuring an improved authentication and access control functions.” *Col. 1 ll. 27-29*. Reiche teaches that “When a user is desirous to access a resource on a given customer server, say through HTTP data exchange session, the browser on the user’s machine makes a first contact with the customer server.” *Col. 4 ll. 54-57*. However, Reiche does not teach or render obvious at least “receiving, at a communications port of a network management system from a portable communication device via a network, a first request to access a network resource located at an external server, the first request comprising one or more network packets, which include header and body data, and being configured with attributes including a source address, a checksum, and a port number, wherein the checksum is calculated based at least in part on header and body data of one or more network packets.”

Reiche further teaches that “The transaction ID is stored in a database in the customer server and it is also encoded and sent to the user along with a redirect request to the central authentication server.” However, Reiche does not teach or render obvious at least “sending, from the communications port of the network management system to the portable communication device, a browser redirect message based upon the redirection data, the browser redirect message configured to indicate that it was sent by the network resource and comprises attributes in which at least one of a source address, a checksum, and a port number differs from those attributes of the first request.”

Birrell relates to “securely accessing private systems via a public network.” *Col. 1 // 6-7*. Birrell teaches that “Initially, the client computer connected to the Internet makes a request for a resource of the intranet in a public message to a redirector of the tunnel.” *Col. 2 // 28-30*. Birrell further teaches that “The redirector 142, in a public response 320, responds with a message 202. The message 202 is intended to redirect the browser 111 to communicate with the proxy server 143 using a secure protocol, e.g., HTTPS, in further communications.” *Col. 4 // 13-17*. However, Birrell does not teach or render obvious at least “receiving, at a communications port of a network management system from a portable communication device via a network, a first request to access a network resource located at an external server, the first request comprising one or more network packets, which include header and body data, and being configured with attributes including a source address, a checksum, and a port number, wherein the checksum is calculated based at least in part on header and body data of one or more network packets” and “sending, from the communications port of the network management system to the portable communication device, a browser redirect message based upon the redirection data, the browser redirect message configured to indicate that it was sent by the network resource and comprises attributes in which at least one of a source address, a checksum, and a port number differs from those attributes of the first request.”

For at least the foregoing reasons, Reiche and Birrell, alone or in combination with other art of record, do not teach or render obvious all the limitations of Claim 56. Accordingly, Applicants respectfully request that the rejection be withdrawn.

Claim 63 is patentable over Reiche and Birrell at least for reciting the limitations of “a network communications interface configured to receive, from a portable communication device via a network, a first request to access a network resource located external to the network management system, the first request comprising a resource locator that identifies the network resource, the first request being configured with attributes including a source address, a checksum, and a port number, wherein the checksum allows for verifying correct data transmission” and “sending, to the portable communication device, a browser redirect message based upon the redirection data, the browser redirect message indicating it originated from the network resource and

comprises attributes in which at least one of a source address, a checksum, and a port number differs from those attributes of the first request.”

Claim 77 is patentable over Reiche and Birrell at least for reciting the limitations of “receiving, at a communications port of a network management system from a portable communication device, a first request to access a network resource, the first request comprising one or more network packets, the first request further comprising attributes including a source address, a checksum, and a port number, wherein the checksum allows for verifying correct data transmission” and “sending, from the communications port of the network management system to the portable communication device, a browser redirect message based upon the redirection data, the browser redirect message configured to indicate that it was sent by the network resource, the browser redirect message being sent upon a determination not to provide the portable communication device with access to the network resource, the browser redirect message comprising attributes in which at least one of a source address, a checksum, and a port number differs from those attributes of the first request.”

Claim 87 is patentable over Reiche and Birrell at least for reciting the limitations of “a network communications interface configured to receive, from a portable communication device, a first request to access a network resource, the request comprising one or more network packets, the first request further comprising a source address, a checksum allowing for verification of correct data transmission, a port number, and a resource locator that identifies the network resource” and “sending, from the network communications interface of the network management system to the portable communication device, a browser redirect message based upon the redirection data, the browser redirect message indicating it originated from the network resource, the browser redirect message being sent as a result of the determination not to allow the portable communication device to access the network resource, the browser redirect message having at least one of a source address, a checksum, and a port number that differs from those attributes of the first request.”

Claims 57-62, 64-70, 78-83, 88-94, 96, 98, and 101, which depend from one of Claims 56, 63, 77, and 87, are patentable for the reasons recited above with respect to

Application No.: 09/458,602
Filing Date: December 8, 1999

the independent claims, and by reason of the additional features of each dependent claim.

Conclusion

For at least the foregoing reasons, Applicants respectfully submit that the claims are patentable over the rejections of record, and respectfully request that the rejections be withdrawn.

If there are any remaining issues that may be resolved by telephone, the Examiner is invited to contact Applicants' representative at the number listed below in the signature.

No Disclaimers or Disavowals

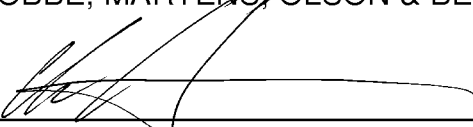
Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicants are not conceding in this application that previously pending claims are not patentable over the cited references. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application. Applicants reserve the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution. Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicants have made any disclaimers or disavowals of any subject matter supported by the present application.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 19, 2011

By: 
Charles Duan
Registration No. 65,114
Attorney of Record
Customer No. 20995
(949) 760-0404